

**LESSON**

**8**

# Proportional Relationships

## Practice C: Solving Percent Problems

**Solve. Round answers to the nearest tenth, if necessary.**

1. 14 is 28% of what number?
2. 28% of what number is 7?
3. 35% of what number is 70?
4. What percent of 63 is 7?
5. 28 is what percent of 210?
6. 65% of what number is 13?
7. What percent of 180 is 36?
8. 15 is 45% of what number?
9. 7 is 2% of what number?
10. What percent of 144 is 108?
11. What percent of 350 is 840?
12. 13 is what percent of 77?
13. 11 is 4% of what number?
14. 135% of what number is 115?
15. 14 is 16% of what number?
16. 12 is 30% of what number?
17. 18 is what percent of 108?
18. 9 is what percent of 39?
19. I am thinking of a number. This number is 18% of 425. What is the number? \_\_\_\_\_
20. I am thinking of a percent. This percent times 135 gives 40.5 as the result. What is the percent? \_\_\_\_\_
21. Jed buys a sweater that has a sale price of \$48. Jed gives the sales clerk \$60 and receives \$7.80 in change. What is the sales tax rate? \_\_\_\_\_